

# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 9] नई दिल्ली, शनिवार, मार्च 3, 1979 (फाल्गुन 12, 1900)  
No. 9] NEW DELHI, SATURDAY, MARCH 3, 1979 (PHALGUNA 12, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Calcutta, the 3rd March 1979

### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

25th January, 1979

- 77/Cal/79. NRM Corporation. Tire loader.
- 78/Cal/79. NRM Corporation. Post cure inflator.
- 79/Cal/79. Biuro Projektow Przemyslu Cukrowniczego "Cukroprojekt". Warszawa. Continuous filtering-settling centrifuge.
- 80/Cal/79. David Brown Gear Industries Limited. Producing case-Hardened gears. (January 26, 1978).
- 81/Cal/79. Saint-Gobain Industries. Process and mechanism for evolutive pulp flow regulation.
- 82/Cal/79. Saint-Gobain Industries. Continuous process mixing of pulverized solids and liquids and mixing apparatus.
- 83/Cal/79. Saint-Gobain Industries. Plaster board and process and device for making plaster board.
- 84/Cal/79. Demag Aktiengesellschaft. Tensioning device for tension elements on metallurgical containers, specially on interchangeable converters.
- 85/Cal/79. N. K. Sinha and V. S. Subba Rao. A new method for collecting and utilising the environmental energy.

1-487GI/78

27th January, 1979

- 86/Cal/79. W. G. Spence. Multi-purpose vehicle (January 28, 1978).
- 87/Cal/79. Luossavaara-Kiirunavaara Aktiebolag. Waggon.
- 88/Cal/79. Aktiengesellschaft, Kuhnle. Kopp Kausch, & Kausch. A supercharging system for an international-combustion engine.
- 89/Cal/79. Vsesojuzny Nauchno-Issledovatel'sky Institut Produktov Brozhenia. Method of preparing starch-containing material for production of alcohol.
- 90/Cal/79. Sri Kamal Kumar Dutta. Dutta's gas alarm, specially used for cooking gas cylinder, for household use.

29th January, 1979

- 91/Cal/79. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and apparatus for removing an irregularity in a thread.
- 92/Cal/79. Hoechst Aktiengesellschaft. Use of water soluble benzoxanthene dyestuffs for fluorescent inks.

30th January, 1979

- 93/Cal/79. Oyutime, Inc. Devices and processes for determining properties of viscous fluids.
- 94/Cal/79. Stork Brabant B. V. Apparatus for intermittent printing.
- 95/Cal/79. Metal Box Limited. Containers. (February 1, 1978).
- 96/Cal/79. I. A. Kolosov and N. V. Kuryshv. Apparatus for applying paste onto blank strips for cermet electrodes of alkaline storage batteries.



31st January, 1979

- 97/Cal/79. R. Jacques. An auto-expandable cushioning bag and its use.
- 98/Cal/79. N. V. Philips' Gloeilampenfabrieken. High-pressure sodium-vapour discharge lamp.
- 99/Cal/79. Escape Trading Company Aktiengesellschaft. An aiming device for a firearm.
- 100/Cal/79. Merangoni RTS S.p.A. Machine for moulding and curing tread bands for pneumatic tyres.
- 101/Cal/79. Great Lakes Carbon Corporation. Thermal desulfurization and calcination of petroleum coke.
- 102/Cal/79. Burroughs Corporation. Full duplex driver/receiver.
- 103/Cal/79. V. I. Koshman, (2) V. F. Petrichenko, (3) B. S. Gnilitzky, (4) V. G. Nironenko and P. V. Kamshitsky. Electric circuit switchgear.

## ALTERATION OF DATE

146139. }  
211/Cal/79 } Ante-dated June 25, 1976.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each applications, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The Classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Roy, Road, Calcutta in due course. The price of each specification is Rs 2/- (postage extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 136B & 179B & F. 146121.  
Int. Cl.-A61j 1/00.

## MICRO-CONTAINERS FOR STORING BIOLOGICAL LIQUIDS.

*Applicant & Inventor* : UDAY TEWARI, SHANTI NIKETAN, 51, SHIVAJI HOUSING SOCIETY, CITY OF POONA, STATE OF MAHARASHTRA, INDIA.

Application No. 50/Bom/76 filed February 13, 1976.

Complete Specification left May 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims. No drawings.

A micro-container for long time storage of biological liquids at very low temperatures, such as cattle semen, comprising a thin walled extruded tube of non-acidic, non-toxic grade polypropylene having an inner diameter of the order of 2.40 to 2.50 mm., an outer diameter of the order 2.80 to 3.00 mm., and an overall length of the order of 133 to 135

mm., one end of the tube being plugged by a felt or cotton plug, backed by a column of polyvinyl alcohol powder and immediately followed by a second felt or cotton plug, such that each of the plugs and the column is 4 to 5 mm., in length, the tube being then dry sterilized, the other end of the tube being used for filling the biological liquid by suction and adapted to be sealed by dipping it in a 5 to 6 mm. layer of polyvinyl alcohol powder, so that 4 to 5 mm. column of the powder penetrates into the tube, the two columns of polyvinyl alcohol powder coming into contact with the water content of the biological liquid gelling and forming seals against the inner wall of the polypropylene tube at the either ends of the micro-container.

CLASS 123. 146122.

Int. Cl.-C05f 5/00.

## PROCESS AND PLANT FOR MANUFACTURING POTASH FERTILIZER FROM AN INDUSTRIAL EFFLUENT.

*Applicant* : WALCHANDNAGAR INDUSTRIES LIMITED, OF P. O. WALCHANDNAGAR-413114, DIST-POONA, MAHARASHTRA, INDIA.

*Inventors* : ANIL CHANDRA CHATTERJEE AND BIRENDRA MOHAN DUTT.

Application No. 280/Bom/76 filed August 19, 1976.

Complete Specification left October 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

A process for manufacturing potash fertilizer from an industrial effluent containing more than 0.7% potash, comprising in combination the steps of neutralizing said industrial effluent with an alkali or alkaline substance such as lime or milk of lime and evaporating the neutralized waste in a multiple effect evaporator to form a concentrated product.

CLASS 64B. 146123.

Int. Cl.-H01r 9/06.

## A SOLDER TAG ASSEMBLY.

*Applicant* : PHILIPS INDIA LIMITED, OF SHIVSAGAR ESTATE, BLOCK 'A', DR. ANNIE BESANT ROAD, POST BOX NO. 6598, BOMBAY-400013, MAHARASHTRA, INDIA.

*Inventors* : RAJIV NARAYAN DHARAP AND VIDYUT KUMAR MADHAO BAPAT SHAUNAK.

Application No. 289/Bom/76 filed August 21, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A solder tag assembly comprising a solder tag running through one or more holes provided in an insulating plate, the free ends of the solder tag being folded over said insulating plate so as to form at least one loop.

CLASS 107G. 146124.

Int. Cl.-F02b 7/06.

A MIXING CHAMBER CUM CONTROL VALVE ASSEMBLY FOR USE IN A COMPRESSION IGNITION INTERNAL COMBUSTION ENGINE FOR SUBSTITUTING METHANE CONTAINING GAS PARTLY FOR DIESEL OIL NORMALLY REQUIRED.

*Applicant* : KIRLOSKAR OIL ENGINES LIMITED, OF LAXMANRAO KIRLOSKAR ROAD, POONA-411003, MAHARASHTRA, INDIA.

*Inventor* : NIDADAVOIU NARA NARAYAN RAO.

Application No. 324/Bom/76 filed September 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.



## 6 Claims.

A mixing chamber cum control valve assembly for use in a compression ignition internal combustion engine for substituting methane containing gas partly for diesel oil normally required, the said assembly comprising a mixing chamber having three openings and a control valve such that one of the aforesaid three openings is connected to the exit pipe of the control valve the entrance pipe of which being connectable to methane containing gas supply and the remaining two openings each being connectable to the inlet manifold and the air cleaner of the said engine.

CLASS 11D, 146125.

Int. Cl.-A01m 23/16.

## A TRAP FOR COCKROACHES OR LIKE INSECTS.

*Applicant & Inventor* : PRAVIN RAVINDRANATH KATVI, OF BUILDING NO. 7B, BLOCK NO. 16, 4TH FLOOR, NAVJIVAN SOCIETY, LAMINGTON ROAD, BOMBAY-8, STATE OF MAHARASHTRA, INDIA.

Application No. 335/Bom/76 filed September 29, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 3 Claims.

A trap for cockroaches or like insects comprising a box made of heavy sheet metal or any other resilient material having minute holes in its sides and being enclosed from all sides except from one side which serves as an entrance for cockroaches or like insects, the said box at the said entrance being provided with a shutter which is rotatably pivoted on pins or the like, characterised in that the said shutter is of L shape and has two arms lying at 90° to each other, at the junction of the said two arms pass the said pins which form a fulcrum about which the said arms rotate, the first arm being adapted to close and open to passage to the interior of the box while the second arm being adapted to serve as a counter weight, the internal profile of the bottom of the said box being provided with a step which prevents the first arm from swinging outwardly.

CLASS 178, 146126.

Int. Cl.-B28d 1/24.

## A PROCESS FOR CUTTING OF GRANITE OR LIKE HARD MATERIAL AND MACHINERY THEREFOR.

*Applicant & Inventor* : SWAPAN MANILAL SHAH, AT HEMPRABHA, 68 NETAJI SUBHASH CHANDRA BOSE ROAD, BOMBAY-400020, STATE OF MAHARASHTRA, INDIA.

Application No. 348/Bom/76 filed October 8, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 7 Claims.

A process for cutting granite or like hard material comprising placing the block of hard material on rigid table capable of upward or downward movement by predetermined amounts; slicing through the stationary block by means of a circular rotating cutting wheel and adapted to move across the face of the block and also adapted to move forward into the block after said each movement across the face thereof; the said slicing movement being performed halfway through the block from one face and halfway from the opposite face by either rotating the table or by sliding the said rotating wheel to the other face.

CLASS 128-I, 146127.

Int. Cl.-A61m 15/00.

## DISPOSABLE HYGIENIC PLASTIC CARTRIDGE FOR AN INHALER.

*Applicants* : DILIP SUKHLAL MEHTA, OF 32, MORVI HOUSE, 28/30, GOA STREET, BOMBAY-400001, STATE OF MAHARASHTRA, INDIA AND J. B. CHEMICALS & PHARMACEUTICALS PRIVATE LIMITED, AT 83B, DR.

ANNIE BESANT ROAD, BOMBAY-400018, STATE OF MAHARASHTRA, INDIA.

*Inventor* : DILIP SUKHLAL MEHTA.

Application No. 48/Bom/77 filed January 31, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2 Claims.

A disposable hygienic plastic cartridge adapted to be loaded into a medicinal inhaler, the cartridge comprising a tubular medicament holder and a tubular cap adapted to fit on to such holder, the holder having near its top a small surrounding circular ridge fitting exactly into a corresponding ridge near the edge of the cap, the holder having equal equidistant holes of a predetermined size disposed between its open top and its ridge, the cap having corresponding equal equidistant holes of the same size as the first-mentioned holes, the holes in the cap being disposed immediately above its ridge, the space between the adjacent holes in either case being greater than the size of the holes, the respective holes, when coinciding, making it possible on inhalation by the patient for the medicament to escape through the coinciding holes into the passages in the inhaler.

CLASS 107C &amp; G, 146128.

Int. Cl.-F02b 1/00.

## PICKUP FOR MEASURING THE MAXIMUM PRESSURE IN INTERNAL COMBUSTION ENGINE CYLINDER.

*Applicant & Inventor* : AFANASY ALEXANDROVICH ISAEV, OF LENINGRAD, KOLPINO, ULITSA VOLODA-RAKOGO 12, KV. 1., U.S.S.R.

Application No. 1441/Cal/75 filed July 23, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta Branch.

## 2 Claims.

A pick up device for measuring the maximum pressure in the internal combustion engine cylinder whose housing is provided with pipe connections for providing a communication with the engine cylinder and with a compressed air supply passage respectively and with a spring-loaded reversing valve whose one of the operating surfaces in one of the operating positions contacts a seat made in the housing on the side of the compressed air supply passage and another operating surface in another operating position contacts another seat which is an end face surface of an annular bead made on the end face of the valve rod provided with a spring pressing it to the reversing valve whereas a meter chamber confined with an operating surface of the reversing valve at the side of the engine cylinder and a respective seat on the valve rod communicates with the engine cylinder when measuring the pressure through the valve with the rod opened by the supplied compressed air whereas said rod being provided with a passage for communicating said chamber with the engine cylinder and a sealing ring mounted thereon and intended for retaining said valve with the rod opened and for impeding the compressed air flowing from the compressed air supply passage into the engine cylinder whose pressure at the moment of the reversing valve operation corresponds to the air counter-pressure.

CLASS 190B &amp; C, 146129.

Int. Cl.-H02k 7/18.

## TURBINE REGULATION ARRANGEMENT FOR A THERMAL POWER STATION.

*Applicant* : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

*Inventor* : DR. CLAUDE SEIPPEL.

Application No. 2347/Cal/75 filed December 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.



## 6 Claims.

A turbine regulating arrangement for a thermal power station for combined current and heat generation in which partially expanded working medium which gives off its heat in at least one heat exchanger to a heating medium—preferably water—is extracted from the turbine, characterised in that in the direct vicinity of the working medium extraction point at least one turbine stage consisting of guide and rotor baffles is provided with pivotable and adjustable guide blades.

CLASS 24E &amp; F.

146130.

Int. Cl.-F16d 49/06.

A RAILWAY OR OTHER VEHICLE SPRING BRAKE ACTUATOR.

*Applicant*: SVENSKA AKTIEBOLAGET BROMSREGULATOR, OF NORRA VALIGATAN 54, 211 22 MALMO, SWEDEN.

*Inventors*: NILS BORJE LANNART SANDER, BO IVAR JONNY BRUNDIN AND MICHEL ROGER.

Application No. 318/Cal/76 filed February 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims.

A railway or other vehicle wheel spring brake actuator as first defined herein, characterised by locking means which lock the releasable screw-threaded element against rotation so that the spring force can be transmitted during normal operation of the actuator, the locking means being arranged to be rendered inoperative by action from the exterior to allow the releasable screw-threaded element to rotate and thus to enable the spring to expand without any transmission of spring force to the piston rod when the brakes are to be released in the absence of fluid pressure for overcoming the spring, and the locking means being biased to automatically become operative and restore the normal operational functions of the actuator after the said action from the exterior has terminated and the spring has been overcome by fluid pressure acting on the piston.

CLASS 87E.

146131.

Int. Cl.-E04h 3/24.

ELEVATIONALLY ADJUSTABLE FOLDING STAGE.

*Applicant & Inventor*: KERMIT HOCHINS WILSON, OF 7001 ANTRIM ROAD, EDINA, MINNESOTA, UNITED STATES OF AMERICA.

Application No. 459/Cal/76 filed March 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 15 Claims.

In a foldable stage of the type having first and second stage surface members, first and second main support legs interconnected to form a base frame for supporting the stage in its folded position, means for hingebly mounting said first and second stage surface members to said base frame for pivotal movement of said members between a storage position in which some members are generally vertically positioned above the base frame with the surfaces adjacent each other and an operable position in which the stage surface members are horizontally positioned to define a stage surface, pairs of outer legs attached to each of said stage surface members remote from said hinge connection to said base frame, the improvement which comprises auxiliary support legs mounted to said first and second stage surface members adjacent the ends thereof which are hingebly interconnected to said base frame, said auxiliary legs adjustable between a first inoperable position and a second operable position in which they extend from the stage surface members a distance greater than the main support leg, and means for adjusting the length of said outer legs, whereby the stage height can be adjusted by adjusting the length of said outer legs and adjusting said auxiliary legs.

CLASS 119D.

146132.

Int. Cl.-D03d 47/00.

A DEVICE FOR INSERTING THE WEFT IN A SHUTTLELESS LOOM.

*Applicant*: MECOUTIL, OF 19-21, RUE CELLARD, 69003 LYON, RHONE, FRANCE.

*Inventor*: GEORGES CONTE.

Application No. 760/Cal/76 filed April 30, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

A loom for inserting weft yarn supplied from a single yarn same time to release a dummy shuttle carried thereby to rising two opposed rods having facing ends arranged to move substantially through half the width of the shed to the centre thereof, and means on the end of each rod operative when the rod is at the centre of the shed to lock to the rod a dummy shuttle which it receives from the other rod, and at the same time to release a dummy shuttle carried thereby to allow that dummy shuttle to be transferred to the other rod.

CLASS 63-I.

146133.

Int. Cl.-H02k 11/00, 9/00.

GAS COOLED FLUX SHIELD FOR DYNAMOELECTRIC MACHINE.

*Applicant*: GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, STATE OF NEW YORK, 12305, UNITED STATES OF AMERICA.

*Inventors*: ANTHONY FRANCIS ARMOR, MADABUSHI VENKATAKRISHNAMA CHARI, HENRY WILLIAM KUDLACIK AND PAUL REECE.

Application No. 1181/Cal/76 filed July 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

A dynamoelectric machine of the type including a gas cooled stator core comprising a plurality of laminations held in assembled relationship by and flanges applying a compressive loading thereto and an annular flux shield for reducing the eddy current losses in the end flanges and the stator cores, the flux shield including an inner rim disposed adjacent to and spaced from a respective end flange for providing a passage for the flow of cooling gas therebetween, comprising means for circulating cooling gas radially through the passage between the flux shield and the end flange, and means disposed adjacent the inner rim of the flux shield for increasing the amount of heat transfer surface area between the flux shield and the cooling gas.

CLASS 65B3.

146134.

Int. Cl.-H01f 21/00.

DRIVE TRANSMISSION FOR THE DRIVE OF AN ON-LOAD TAP-CHANGER FOR A TAPPED TRANSFORMER.

*Applicant*: MASCHINENFABRIK REINHAUSEN GEBRUDER SCHUBECK GMBH & CO., KG. OF 8, FLAKENSTEINSTRASSE 8400 REGENSBURG 12., FEDERAL REPUBLIC OF GERMANY.

*Inventors*: JOSEF ECKSTEIN AND ADOLF LANG.

Application No. 1722/Cal/76 filed September 18, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.



## 4 Claims

A drive transmission for the drive of an on-load tap-changer for a tapped transformer, comprising a rotatable drive shaft, a crank pin connected to the drive shaft to be rotatable therewith, a drive wheel, which is mounted on the drive shaft to be rotatable relative thereto and which is provided with a plurality of dogs symmetrically arranged around an inner circumference of the wheel, two pawl arms which are mounted on the crank pin to be pivotable in the manner of scissors and which in an operative setting drivingly couple the drive wheel to the drive shaft, the arms in the operative setting being each engageable at one end thereof with a respective dog of the drive wheel and being adapted to engage the dogs from different directions, friction coupling means to frictionally couple the drive wheel to the pawl arms, and a blocking plate, which is mounted on the drive shaft to be rotatable therewith and to be pivotable through a limited range relative to the shaft and which is restrainable from rotating with the shaft, the blocking plate being provided with a plurality of abutments arranged between the pawl arms on the side of the crank pin remote from said ends of the arms to so act on the arms on the blocking plate being so restrained—as to cause the arms to pivot apart at said ends and out of engagement with the dogs of the drive wheel.

CLASS 126A &amp; C. 146135.

Int. Cl.-G01d 11/28, H01n 31/00.

## AN ELECTRICAL TESTER.

*Applicant & Inventor* : SUNIL KUMAR BHAREL, AT 17, CAMAC STREET, CALCUTTA-17, INDIA.

Application No. 1892/Cal/76 filed October 16, 1976.

Complete Specification left October 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

An electrical tester comprising a first probe connected to a terminal of lamp through a resistance characterized in a second probe connected to the other terminal of said lamp, said probes made of any known conducting material said lamp disposed within a housing.

CLASS 150H. 146135.

Int. Cl.-F161 19/00.

## JOINT FOR TUBE ELEMENTS.

*Applicant* : N. LUNDBERGS FABRIKS AB, OF FACK, S-513 00 FRISTAD, SWEDEN.

*Inventor* : TORSTEN ERIK THEODOR STROM.

Application No. 159/Cal/77 filed February 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A joint between ends of tube elements terminating in a plane which passes through a circumferential crest of the tube element wall and defining in each tube element end an annular space open at the end, comprising an annular sealing ring disposed between the tube element ends and received in said spaces, and a lock ring applied around the tube element ends and having channelled cross-sectional form, the flanges of which are arranged to engage inclined sides of the circumferential crests in order to press the tube element ends towards each other against the intermediary annular sealing ring from opposite sides thereof when tightened about the tube elements, wherein said circumferential crest and said annular space of at least one of said tube elements are formed by a double wall structure comprising a corrugated outer wall and a smooth or reversibly corrugated inner wall joining the outer wall, and wherein the lock ring comprises a slotted flexible ring having a projection on one side of the slot and an external staplelike flap on the other side of the slot, connected to the ring and projecting freely from a position spaced from the end of the ring, and beyond said end, said

flap being flexible towards and away from the ring to be engaged with and disengaged from the projection at an opening arranged at the free end of the flap.

CLASS 32A. 146137.

Int. Cl.-C09b 31/00, 33/00.

## PROCESS FOR THE PREPARATION OF WATER SOLUBLE DISAZO DYESTUFFS.

*Applicant* : CASSELLA FARBWERKE, MAINKUR AKTIENGESSELLSCHAFT, OF 6000 FRANKFURT (MAIN)-FECHENHEIM, 526, HANAUER LANDSTRASSE, WEST GERMANY.

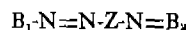
*Inventors* : WOLFGANG BAUER AND JOACHIM RIBKA.

Application No. 397/Cal/77 filed March 18, 1977.

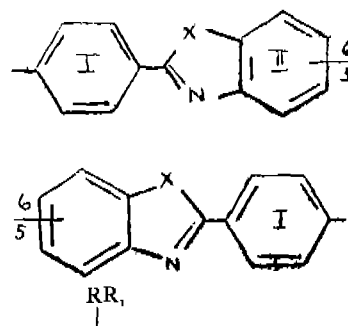
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

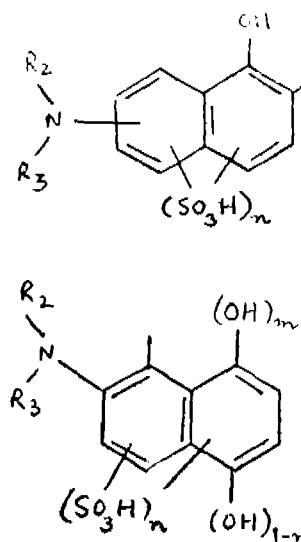
A process for the manufacture of water-soluble disazo dyestuffs of the formula I.



wherein Z denotes the radical having the structures shown in Fig. 1. or Fig. 2.



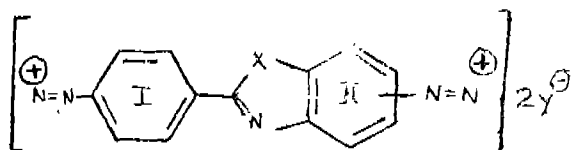
in which X denotes -N-, -O- or -S-. R<sub>1</sub> denotes hydrogen, alkyl having 1 to 4 C atoms, phenyl or benzyl, B<sub>1</sub> is a monovalent radical, linked to the naphthalene nucleus, of an aminonaphthol-mono- or di-sulphonic acid of the formula IIA shown in Fig. 3. or IIB shown in Fig. 4.



wherein R<sub>2</sub> and R<sub>3</sub> are identical or different and represent alkyl having from 1 to 4 C atoms, acyl having from 2 to 5 C atoms, aryl or aroyl, each having from 6 to 12 C atoms, hydroxyalkyl having from 2 to 4 C atoms or sulphonylalkyl or carboxyalkyl having from 1 to 4 C atoms and one of R<sub>2</sub> and

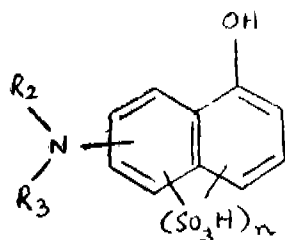


$R_n$  can be hydrogen,  $n$  denotes the numbers 1 or 2,  $m$  denotes the numbers 0 or 1, and  $B_n$  denotes the radical of a coupling component as defined hereinbefore and wherein the aromatic carbocyclic nuclei, I and II, of the radical Z are optionally further substituted as described hereinbefore and each of the sulpho groups is optionally present as a salt form thereof, comprising coupling simultaneously or in any sequence of a tetrazo compound of the formula XII shown in Fig. 18.



wherein  $y^-$  is the anion of a mineral acid, and  $X$  has the same meaning as defined above in formula I, and the aromatic carbocyclic nuclei, I and II, are optionally further substituted in the same way as the radical Z with

(a) a coupling component of the formula IIC shown in Fig. 8.



of the drawings, and

(b) with a coupling component of the formula XIII.



wherein  $B_n$  has the same meaning as defined above in formula I at a pH in the range from 0 to 14.

CLASS 32E & 104A.

146138.

Int. Cl.-B29h 1/02.

#### PROCESS FOR COAGULATING POLYMER LATICES USING SCREW-TYPE EXTRUDER.

*Applicant* : IBEC INDUSTRIES, INC., OF 1271 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10001. UNITED STATES OF AMERICA, INCORPORATED IN THE STATE OF DELAWARE.

*Inventors* : DOUGLAS LEO HERTEL AND ROBERT WEN LEE.

Application No. 1603/Cal/77 filed November 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims.

A process of coagulating a polymer latex characterized by forming a coagulating mixture by mixing and mechanically working the polymer latex and a known or conventional coagulant under pressure of at least about 15 p.s.i.g. in a chamber of an elongated screw type extruder with an axial rotating interrupted worm flight which advances the coagulating mixture through the chamber to the extruder exit, during which advance the polymer latex coagulates, maintaining the coagulating mixture under pressure at least until coagulation of the polymer latex is substantially complete, and breaking up during said mixing and mechanical working of the pressurized coagulating mixture any coagulated polymer which encapsulates uncoagulated polymer latex and releasing the encapsulated polymer latex for mixture with coagulant.

CLASS 32F<sub>1</sub> & 55D<sub>2</sub>.

146139.

Int. Cl.-C01b 21/12.

#### A PROCESS FOR THE PREPARATION OF N-AMINO-SULEENYL CARBAMATE COMPOUNDS.

*Applicant* : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

*Inventor* : DUANE EDWARD THURMAN.

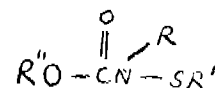
Application No. 211/Cal/78 filed February 27, 1978.

Division of application No. 1135/Cal/76 filed June 25, 1976.

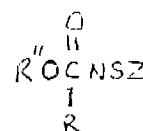
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims.

A process for producing compounds of the formula as shown in Fig. 1.



which comprises reacting a compound carbanoyl halide of the formula as shown in Fig. 7.

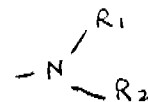


with a compound of the formula :

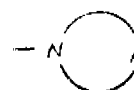


in the presence of an acid acceptor; wherein :

$R$  may be hydrogen, lower alkyl, lower cycloalkyl, lower alkenyl, lower alkoxy, or lower cycloalkyl, either unsubstituted or except where  $R$  is hydrogen, substituted with one or more chloro, bromo, fluoro nitro or cyano substituents, or a combination thereof, or phenyl or lower phenyl alkyl, wither unsubstituted or substituted with one or more chloro, bromo, fluoro, nitro, cyano, lower alkyl, lower haloalkyl or lower alkoxy substituents or a combination thereof;  $R'$  is as shown in Fig. 2.



or as shown in Fig. 3.

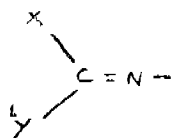


$R_1$  and  $R_2$  are individually, hydrogen, alkyl, alkenyl, alkoxy, cycloalkyl, phenylalkyl or phenyl, all of which except hydrogen, may be unsubstituted or substituted, except in the case of hydrogen, with one or more chloro, bromo, fluoro, nitro, cyano lower alkyl, lower haloalkyl, or lower alkoxy substituents or a combination thereof; or a saturated or unsaturated five or six membered heterocyclic radical in which there are one or two hetero atoms which may be oxygen, sulfur in all of its oxidation states or nitrogen, including combinations thereof, all of which heterocyclic radicals may be unsubstituted or substituted with one or more chloro, bromo, fluoro, nitro, cyano, lower alkyl, lower haloalkyl, or lower alkoxy substituents or a combination thereof;

$A$  is a divalent aliphatic chain which may be alkylene, alkenylene or an aliphatic chain which may include one or two hetero atoms of oxygen, sulfur in all of its oxidation states or nitrogen or a combination thereof to form a five or six membered ring structure, which may be unsubstituted or substituted with one or more chloro, bromo, fluoro, nitro, cyano, lower alkyl, lower haloalkyl or lower alkoxy substituents or a combination thereof;



R'' is an imino group of the formula as shown in Fig. 4.



wherein X and Y are individually hydrogen, cyano or chloro radicals or are alkyl, alkenyl, alkylthio, alkoxy, aryl, arylthio, carbamoyl aminocarbonylalkyl or carbonylaminoalkyl groups or are joined together by a saturated or unsaturated divalent aliphatic chain which may be interrupted by one or more sulfur, oxygen or nitrogen atoms to form a five or six membered ring all of which may be substituted by one or more chloro, bromo, fluoro, nitro, cyano, lower alkyl, lower alkylthio, lower alkylsulfinyl, lower alkylsulfonyl, or lower alkoxy substituents with the proviso that the total number of all aliphatic carbon atoms in R'' shall not exceed about 12; and Z is chlorine, bromine or fluorine.

## PATENTS SEALED

142582 142764 142879 143009 143031 143081 143133 143166  
143209 143243 143264 143479 143570 143572 143576 143583  
143614 143758 143765

## CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

Notice is hereby given that the claim made by Albert Rennemann under Section 20(1) of the Patents Act, 1970, to proceed the application for patent No. 144303 (403/Cal/75) in his name has been allowed.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments promised by the Benfield Corporation in respect of patent application No. 143930 as advertised in Part III, Section 2 of the Gazette of India dated the 26th August, 1978 have been allowed.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

## Chemical List No. III

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146 (2) of the Patents Act, 1970, in respect of Calendar year 1977, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes.

S. No.	Patent No.	Date of Patent	Name and address of Patentee	Brief title of the invention
1	119706	20-04-1972	Eli Lilly and Company, South Alabama Street, Indianapolis, U. S. A.	Preparing $\Delta^2$ & $\Delta^3$ 2-cephalosporin compounds.
2	119782	20-04-1972	Nordmak-Werke GmbH, Homburg, West Germany.	N <sup>1</sup> -[P-amino benzene sulfonyl] $\Delta$ -N <sup>3</sup> -[4,5 dimethyl oxazolyl-(2)] Guanine.
3	119801	11-02-1969	Snampiogetti SpA, 16- Cairo, Venezia, Milan, Italy.	Catalytic Hydrogenation of Hydrocarbons for the production of high viscosity index lubricating Oils.
4	120019	20-04-1972	The Upjohn Co., Kalamazoo, Michigan, U.S.A.	Lincomycin derivatives.
5	120199	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Making cephalosporins and pharmaceutically composition containing the same.
6	120369	17-03-1969	Monsanto Co., 800 N Indbergh Blvd., St Louis, Missouri 63166, U. S. A.	Inhibiting premature vulcanization of diene rubber vulcanizable compositions.
7	120441	20-04-1972	Hoechst AG, 6230 Frankfurt Main, Federal Republic of Germany.	1-Hydroxy-2-pyridones.
8	120518	20-04-1972	The Wellcome Foundation Limited, 183-193, Euston Road, London N. W. 1.	Novel Thiosemicarbazones.
9	120589	20-04-1972	Johann A. Wulffing, W. Germany.	Cardiocyclusides.
10	120666	20-04-1972	American Home Products Corp., 685, 3rd Avenue, New York.	Seco Steroids.
11	121012	20-04-1972	Commercial Solvents Corporation and Another, Terre Haute, Indiana, U. S. A.	Compound exhibiting estrogenic activity useful as animal feeds.
12	121134	20-04-1972	American Home Products Corporation, 685, 3rd Avenue, New York.	2, 3, 5, 9b-Tetrahydro-1H- [2, 1-a] isoin-dal-5-ols.
13	121149	22-11-1967	L. Giverudan & Cie Societe Anonyme, Vernier-Geneve, Switzerland.	Terpene Derivatives.
14	121287	20-04-1972	American Home Products Corporation, 685, 3rd Avenue, New York.	Sustained release drug composition.
15	121397	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Quinoxaline-di-N-oxides.
16	121510	20-04-1972	Janssen Pharmaceutica N. V. Turnhoutsebaan, 30-Beers, Belgium.	N-aralkyl-N'-aralkyl piperazines.
17	121683	20-04-1972	Pfizer Corporation, 235E, 42nd Street, New York.	Aqueous Solutions for parenteral and oral and topical use of doxycycline.
18	121784	20-04-1972	Miles Laboratories Inc., 1127 Myrtle Street, Elkhart, Indiana, U. S. A.	Preparation of a test device for detection of diazo couplable compounds in body fluids.
19	121974	24-06-1969	Snampiogetti SpA, 16 Corso, Venezia, Italy.	Fibres containing enzymes.



Sl. No.	Patent No.	Date of Patent	Name and address of Patentee	Brief title of the invention
20	122008	20-04-1972	Research Corporation, 405 Lemington Avenue, New York.	Quirioxaline di-N-oxide compound.
21	122009	20-04-1972	Do.	Benzinidazole-3,3-oxide compounds.
22	122219	20-04-1972	Agripat S. A., 215 Schwarzwald-allee, Basle, New Switzerland.	Isothiocyano-diphenylamines.
23	122574	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Abandomycin recovery.
24	122579	01-08-1969	Ciba-Geigy of India Limited, Aarey Road, Goregaon, Bombay.	Novel dyestuffs and synthetic fibres dyed and printed therewith and novel intermediates.
25	122675	20-04-1972	Chinoi Gyogyszer-Es Vegyeszeti Termek Gyara Rt., Budapest, Hungary.	New nitrofurane Derivatives.
26	122747	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Benzothiazine dioxides.
27	122883	20-04-1972	Sankyo Co. Limited, Nihonbashi, Tokyo, Japan.	Benzodiazepine derivatives.
28	122931	27-08-1969	Ciba-Geigy of India Limited, Aarey Road, Goregaon, Bombay.	Dyestuffs containing sulfonylamino carbonyl Azo groups.
29	122932	27-08-1969	Do.	Azo dyestuffs.
30	122972	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Esters of $\alpha$ -carboxy aryl methylpenicillin.
31	123112	20-04-1972	American Home Products Corporation, 685, 3rd Avenue, New York.	Novel 3-cyclopentyloxy steroid.
32	123349	20-04-1972	The Upjohn Co., Kamazoo, Michigan, U. S. A.	Preparing 6-phenyl-4H-s-triazolo [4, 3-4]-(1, 4)-Benzodiazepines.
33	123441	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Conversion of $\alpha$ -carboxyloxybenzyl penicillins to $\alpha$ -carboxybenzyl penicillin.
34	123476	20-04-1972	Do.	Preparing substituted as triazine 3, 5 (2H, 4H) dioxides.
35	123540	20-04-1972	Janssen Pharmaceutica N.V., Turnhoutsebaan, 30-Beese, Belgium.	Preparing 1-(3-cyano-3, 3-diphenyl propyl)-4-phenyl-isonipecotic acid.
36	123609	21-10-1968	F. L. Sundth and Co., A/S, Copenhagen Valby, Denmark.	Hydraulic cement from new materials containing phosphorus and/or fluorine.
37	123643	21-10-1969	C.S.I.R., Rafi Marg, New Delhi-1.	Electro negative developer composition.
38	123678	20-04-1972	Sankyo Co. Limited, 1-6, 3-Chome, Nihonbashi, Honcho, Chuo-Ko, Tokyo.	Benzodiazepine compounds.
39	123808	20-10-1969	Monsanto Co., 800 North Bindbergh, Blvd., St. Louis, Missouri 63166, U.S.A.	Agricultural Composition for modifying the segmental development of plants comprising nitrilo compounds.
40	123864	20-04-1972	American Home Products Corp., 685, Third Avenue, New York.	Monosilylated hydrohalide salt of penicillin.
41	123933	07-10-1969	Loninklijke Nederlandohe Gist-Spiritfabrick N.V., 1, Wateringsweg, Delft, Netherlands.	An active dried bakers' Yeast.
42	124020	20-04-1972	Pfizer Corporation, Calle, 151 Avenida Santa Isabel, Colon, Panama.	Polar substituted phenyl propanolamine.
43	124391	20-04-1972	Do.	3-Aminoalkyl indolines.
44	124424	20-04-1972	Gyogynoveny Kutato Intezet, 38-48, Daniel-Ut, Budapest, Hungary.	1-menthol.
45	124525	20-04-1972	Cabaz, 75008 Paris, France.	Repairing substituted Oxepine derivatives.
46	124531	20-04-1972	CERPHA, Val de Marne, France.	Basic acyloxyacetamide.
47	124545	22-12-1969	Snampirogetti SpA, 16 Carso Venezia, Milan, Italy.	Urea.
48	124558	23-12-1969	Benlite Corp., of America, 233 Broadway, New York. U.S.A.	Benefaction of ilmenite.
49	124663	05-04-1968	Monsanto Co., 800 N. Lindbergh Blvd., Missouri-63166, U.S.A.	Catalyst Composition for use in transformation of reactants.
50	124675	02-01-1970	Argus Chemical Corp., 633 Court Street, Brooklyn 31, New York.	Reaction products of dialkyltin oxides and higher dialkyltin monohydric aliphatic and thiolatic acids saturated alcohol esters of thiomalic and thiolatic acids.
51	124676	02-01-1970	Do.	Reaction products of dioctyltin oxide and dioctyltin monohydric aliphatic saturated alcohol thioglycolate esters.
52	124817	13-01-1970	Argus Chemical Corporation, 633 Court Street, Brooklyn 31, New York.	Polyvinyl chloride resin stabilizer composition having a readily controlled tin content



Sl. No.	Patent No.	Date of Patent	Name and address of Patentee	Brief title of the invention
53	124827	13-01-1970	Monsanto Co., 800 N. Lindbergh Blvd., Missouri-63166, U.S.A.	Curing elastomeric article.
54	124853	14-01-1970	F. Hoffmann La Roche and Co., AG.	Poultry feed.
55	124863	20-04-1972	Asahi Kasei Kogyo, 25-1, Doimahama-dore, Kita-ku, Osaka, Japan.	Cultivation of hydrocarbon consuming yeasts.
56	125030	20-04-1972	University of Strathclyde, George Street, Glasgow C. 1, Scotland.	Pteridine derivatives.
57	125121	20-04-1972	Warner-Lambert Co., Taber Road, Morris Plains, New Jersey-U.S.A.	N-Phthalimidoacetyl-5-chloro-2-cyclopropylmethyl amino benzhydrol.
58	125252	20-04-1972	Pfizer Corporation, 235E, 42nd Street, New York.	Substituted hexahydro imadazo quinoline.
59	125268	20-04-1972	I.C.I. Limited, Imperial Chemical House, Millbank, London, SW-1.	Alkanine derivatives.
60	125279	13-02-1970	Polyson Limited, Sarnia, Qutario, Canada.	C-15-1,4 Polymers of Butadiene.
61	125358	26-06-1970	C.S.I.R., Rafi marg, New Delhi-1.	Cellulose acetate semipermeable flat or tubular osmotic pressure.
62	125509	20-04-1972	The Wellcome Foundation Limited, 183-193, Euston Road, London, England.	New Amidine compounds.
63	125524	20-04-1972	Carter Wallace Inc., 5th Avenue, New York	Preparing 2, 3a-dihydro-2h, 4h-isoexazolo (3,2-b) (1,3) benzoxazin 9-ones.
64	125531	02-03-1970	Imperial Chemical Industry Limited, Imperial Chemical House, Millbank, London, S.W. 1.	Catalyst precursor, method of making the same and process of methanol synthesis employing a catalyst made by reducing the catalyst precursor.
65	125582	04-03-1970	Rhone-Poulenc Industries, 6 Rue Piccini, Paris 16e, France.	Anti fouling composition.
66	125590	20-04-1972	Cater Wallace Inc., 5th Avenue, New York.	Preparation of 2, 3, 4-4a-tetrahydro-10H-1, 2-Oxaziano (3, 2-b) (1,3) benzoxazine 10-ones.
67	125603	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	Direct mono-esterification of arylmalonic acid.
68	125686	11-03-1970	Hoechst Abl., 45 Poruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Colouring polyamide or polymethane fibres with anthraquinone azodyestuffs.
69	125857	24-03-1970	Josef Meissner, Bayenthal, Bayenthalgurtel, Postfach 76, Federal Republic of Germany.	Separation of an emulsion.
70	125894	20-04-1972	Ciba Geigy of India Limited, Aarey Road, Goregaon, Bombay-63.	Bicyclic azacyclic compounds.
71	125895	20-04-1972	Do. Do.	Basic substituted bicyclic oxacyclic compounds.
72	125899	25-03-1970	F. Hoffmann-La Roche and Co., Abt., 124-184, Grenzacherstrasse, Basle, Switzerland.	Phenyl derivatives.
73	125914	20-04-1972	Sankyo Co. Limited, 1-6, 3-Chrome, Nihonbasli, Honcho-ku, Tokyo, Japan.	3-Phenyl-5-methyl-4 isaxasolyl penicillin.
74	125975	30-09-1970	UOP Inc., Des Plaines, Illinois, U.S.A.	Separation of Olefinic oligomerisation and aromatic alkylation.
75	125984	28-5-1969	Haldor Frederick Axel Topsoe, Vedback, Denmark.	Catalyst.
76	125988	30-03-1970	Monsanto Co., 800 N. Lindbergh Blvd., Missouri-63166, U.S.A.	Isopropylideneamino ethano. salt of Nitro benzene sulfonylurea.
77	125991	30-3-1970	Snamprogetti s.p. A.	Purification of urea solutions.
78	126007	31-3-1970	United States Boroz and Chemicals Corp., 3073, Wildshire, California, U.S.A.	Herbicidal composition.
79	126095	07-04-1970	Nippon Kokan Kabushiki, 1-3, 1 chome, Otemachi, Tokyo, Japan.	Manufacturing low and medium carbon ferro-alloy.
80	126193	14-04-1970	Degussa, 9 Weissfrauenstrasse, Frankfurt/Main, Federal Republic of Germany.	Regeneration of catalyst.
81	126287	20-04-1972	Janssen Pharmaceutica N. V., Turnhantsel saan, 30, Beerse, Belgium.	Benzimidazole carbamates.
82	126326	20-04-1972	Hindustan Lever Limited, Hindustan Lever House, Bombay-20.	A composition suitable for improving the assimilation.
83	126372	20-04-1972	Chinoin Gyogyszer-ES Vegyeszeti, Termek Gyard Rt., 1-5 To Utca, Budapest.	New sulfonamides.
84	126393	20-04-1972	C.S.I.R., Rafi Marg, New Delhi-1.	Calcium Hydrophosphite.



S. No.	Patent No.	Date of Patent	Name and address of Patentee	Brief title of the invention
85	126397	28-04-1970	Rhone-Poulenc S.A., 22, Avenue Montaigne, Paris 8e	Cation exchange resin.
86	126405	20-04-1972	Degussa, 9 Weissfrauenstrasse, Frankfurt Main, Federal Republic	Basic B Thienyl derivatives.
87	126512	05-05-1970	Argus Chemical Corp., 633 Court Street, Brooklyn 31, New York.	Stabiliser composition for asbestos for filled polypropylene polymers.
88	126547	06-05-1970	Degussa, 9 Weissfrauenstrasse, Frankfurt Main, Federal Republic	Replenishments of the salts used in carbonisation process carried out in salt bath.
89	126592	20-04-1972	Alembic chemical works Co. Limited, Baroda, Gujarat.	New antibiotic designated as barodamycin.
90	126610	11-05-1970	The Carborundum Co., Niagara Falls, New York.	Production of P-oxybenzoyl Co-polyesters.
91	126626	12-05-1970	American Cyanamid Co., Wayne, U.S.A.	Absorbable polyglycolic acid filaments useful as suture of enhanced in vivo strength retention.
92	126636	20-04-1972	Pfizer Corp., Calle 15/2, Avenida Santa Isabel, Colon Panama.	Propanolanin derivatives.
93	126646	13-05-1970	I.C.I. Limited, Imperial Chemical House, Hillbank, London, SW-1.	Steam reforming hydrocarbon.
94	126670	20-04-1972	Pfizer Corporation, Calle 15/2, Avenida Santa Isabel, Colon Panama.	New sulfonamides.
95	126790	25-05-1970	Unilever Limited, Unilever House, Blackfriars, London.	Flavouring agents.
96	126791	25-05-1970	Hoechst Abl., 45 Poruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Basic azo dyestuffs
97	126800	25-05-1970	Snamprogetti SpA	Pellets of urea having a low biuret content
98	126846	20-04-1972	Chinoin Gyógyszer-FS Vegyeszeti, Termékek Gyártó Rt., 1-5 to Utca, Budapest.	New sulfonamides.
99	126849	28-05-1970	The Wellcome Foundation Limited, 183-193, Euston Road, London.	Pyrazolopyrimidine derivatives.
100	126866	29-05-1972	Dr. Kurt Herberts and Co., 56 Wuppertal, Federal Republic of Germany.	Preparation of polyester resin containing 5-members -dimide rings.
101	126871	30-05-1970	Hindustan Lever Limited, Hindustan Lever House, Bombay-20.	A toilet bar containing a polyethylene oxide quaternary compound.
102	126882	01-06-1970	American Cyanamid Co.,	Storage stable package for absorbable polyglycolic acid sutures.
103	126887	01-06-1970	Sankyo Co. Limited, 1-6, 3-Chome Nihonbashi, Honcho, Chuoku, Tokyo, Japan.	Esters of chrysanthemic acid.
104	126897	02-06-1970	Alcan Research and Development Ltd., Montreal, Quebec, Canada.	Aluminium.
105	126902	02-06-1970	Hoechst Abl., 45 Poruningstrasse, Federal Republic of Germany.	Monoazo dyestuffs.
106	126951	05-06-1970	Hindustan Lever Limited, Bombay-20	A perfume composition
107	126970	20-04-1972	I.C.I. limited, London, SW-1.	Morpholine derivatives.
108	126971	06-06-1970	Do.	Polymeric shaped articles.
109	127104	16-06-1970	Ethicon Inc., Somerville, New Jersey.	Polypropylene non absorbable suture.
110	127227	27-06-1970	Hindustan Lever Limited, Hindustan Lever House, Bombay-20.	Dentifrice composition.
111	127352	01-07-1970	Union Carbide Corporation, New York, U.S.A.	Bio-oxidation with low sludge yield.
112	127354	01-07-1970	Do.	Staged oxygenation water containing biochemically active oxidizable material.
113	127355	01-07-1970	Do.	Treating water containing biochemically oxidisable material.
114	127374	03-07-1970	UOP, Inc., U.S.A.	Novel catalytic composite.
115	127394	20-04-1972	Pfizer Inc., 235E, 42nd Street, New York.	3-methyl-2, quinoxaline carboximide di-N-oxides.
116	127399	04-07-1970	Teneco-Brookebond Ltd., 35 & 34 Cannon Street, London, England.	Enzymatic solubilisation of tea cream.



S. No.	Patent No.	Date of Patent	Name and address of the Patentee	Brief title of the invention
117	127492	10-07-1970	Wilhelm Schelkmann, 581 Witzen Grenzeldanzster, Federal Republic of Germany.	Vulcanisation of prevulcanised treads.
118	127614	20-07-1970	Hooker Chemical Corp., Niagara Falls, New York.	Metal Plating of electrically non-conductive substances.
119	127619	20-04-1972	Pfizer Inc., 235 E., 42nd Street, New York.	Esters of $\alpha$ -Carboxyaryl methyl-Penicillin.
120	127626	20-07-1970	Sanamprogetti SpA., 16 Cargo Venezia, Milan, Italy.	Extraction of hydro aromatic carbons.
121	127646	21-07-1970	Do.	Separation of conjugated diolefins from mixtures containing the same.
122	127658	22-07-1970	Do.	Extraction of aromatic hydrocarbon from mixture of aromatic and aliphatic hydrocarbons.
123	127725	27-07-1970	Rohm and Haas Co., Philadelphia, Pennsylvania, U.S.A.	Preparing a resin having crosslinked polymeric resin matrix.
124	127730	27-07-1970	Eastman Kodak Co., 343 State Street, New York, U.S.A.	Method of fogging unexposed photographic silver halide and a photographic silver halide fogging composition.
125	127743	20-04-1972	C.S.I.R., Rafi Marg Bombay.	Obtaining colchicine from a new plant source.
126	127752	28-07-1970	Hoechst AG	new water insoluble dyestuffs.
127	127753	Do.	Do.	Manufacture of copper containing monoazo dyestuffs.
128	127804	20-04-1972	Eli Lilly and Co., Indianapolis, Indiana, U.S.A.	Antibiotic.
129	127824	31-07-1970	British Titan Products Co. Limited, London England	Removal of iron from iron containing titaniferous materials.
130	127826	31-07-1970	F. Hoffmann La Roche.	Non cariogenic foods containing xylitol.
131	127868	04-08-1970	Hoechst AG	Water insoluble monoazo dyestuffs.
132	127872	04-08-1970	Prerovske Strojirny, Czechoslovakia.	Heat treatment of lump and finely granulated material.
133	127917	20-04-1972	Pfizer Corporation,	1-phenoxy-3 piperazinyl-2 propanol compounds.
134	127983	11-08-1970	Hostero SA., Gencve, Switzerland.	Casting of resin sheets from polymerisable flowable materials.
135	128006	20-04-1972	Warner-Cambert Co., New Jersey, U.S.A.	Resolution of DL-5-3 4-3-(Test-Butyl)mina 2-hydroxypropox dihydroal (2H) naphthalenone.
136	128017	13-08-1970	UOP Inc., Ten UOP Plaza-Algenguin and Mt. Prospect Rds., Des Plaines, Illinois, U.S.A.	Solvent extracting of coal.
137	128031	14-08-1970	Clerith Corp., 17000 St., Clair Avenue, Cleveland, Ohio, U.S.A.	Aluminium alloy-steel bearing.
138	128039	17-08-1970	DEGUSSA, 9 Weissfrauenstrasse, Frankfurt/Main, Federal Republic of Germany	Manufacture of $H_2O_2$ .
139	128042	Do.	Do.	Do.
140	128052	17-08-1970	Newpert Pharmaceuticals Inc. New Port Beach, California, U.S.A.	Complex of isosine and dialkyl aminoalcohol.
141	128082	19-08-1970	The Anaconda Co., 25 Broadway, New York	Vulcanising polymeric coverings and electricables.
142	128088	19-08-1970	Hoechst AG.,	Polymerising $\alpha$ -Olefins.
143	128182	26-08-1970	Farbwerke Hoechst AG., 45 Bruningsstrasse, Frankfurt/Main, Federal	Water soluble monoazo dyestuffs.
144	128185	28-08-1970	UOP Inc.,	Dehydrogenating a hydrocarbon.
145	128278	02-09-1970	Snamprogetti SpA, 16 Carso Venezia, Milan, Italy.	Ethylene oxide.
146	128282	02-09-1970	Shell Internationale Research Maatschappij B.V., Hague, Netherlands.	Epoxidising olefins with hydrogen peroxide to obtain oxirane compounds
147	128295	03-09-1970	Eastman Kodak Co., 343 State Street, Rochester, New York.	Photographic processing.
148	128385	11-09-1970	Shell Internationale, Netherlands.	Hydrogenative cracking of carbonaceous material.
149	128386	11-09-1970	Tedeco Textile Development Co., St. Clave Gate, Orlo I, Norway.	Treatment of fabrics with liquid ammonia.



## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1972. The dates shown in the parenthesis brackets are the dates of the patents.

No.	Title of the invention
93027 (20-4-72)	Process for new steroid compounds having anti-inflammatory properties.
107160 (20-4-72)	Process for preparation of ester of L-alkylthyronine derivative.
109569 (20-4-72)	Process for preparation of azacycle aliphatic compound.
113985 (20-4-72)	Process for preparing diagnostic agent.
120518 (20-4-72)	Process for preparing novel thiosemicarbazones.
136246 (22-11-72)	Improved method of and apparatus for processing mineral ore containing fibrous material to remove the fibrous material therefrom.
136525 (7-2-73)	Process for the preparation of pyridazine derivatives.
136658 (28-10-72)	A process for the production of acrylic solution polymer.
136722 (20-6-72)	A process for the production of acrylic solution polymer.
136723 (20-6-72)	A process for the production of acrylic copolymer emulsion.
136752 (26-9-72)	A process for colouring a glass body.
136758 (26-2-73)	Annealing process for treating semifinished brass stock.
136798 (29-4-72)	Process for producing substituted iron free titanium dioxide.
136811 (15-6-73)	Process for preparing adhesive composition.

## RENEWAL FEES PAID

92329 92445 94368 95155 95513 95684 97748 97916 97928  
 98176 98241 98467 99566 100831 101712 101760 102473  
 102730 102986 102992 103609 103610 103823 103850 103923  
 103937 103948 103952 104049 104120 104622 104707 104970  
 105732 106114 106175 106205 106325 106329 106401 106773  
 109127 109403 109439 109630 110812 110834 110852 111212  
 111274 111555 111957 112240 112383 112388 112586 112947  
 113518 114301 114322 114367 114388 114403 114477 114529  
 114531 114613 114726 115070 115078 115259 115260 115261  
 115364 116127 116490 116538 118121 118325 118694 118794  
 118823 119645 119685 119733 119800 119814 119952 120007  
 120015 120054 120070 120369 120376 120554 120796 120921  
 121622 121779 122024 122072 122344 122595 122644 122645  
 123735 125237 125274 125281 125358 125382 125417 125461  
 125510 125654 125871 125872 125988 126451 126467 126468  
 126877 127174 127236 128397 128873 129134 129469 129615  
 129682 130121 130169 130171 130181 130218 130253 130270  
 130283 130285 130343 130351 130361 130387 130461 130487  
 130616 131637 131685 131823 131864 131943 132104 132212  
 132288 132327 132423 132617 132715 132761 132847 133037  
 133209 133279 133309 133443 133471 133572 133969 134030  
 134437 134453 134474 134477 134503 134522 134551 134561  
 134573 134647 134672 134694 134719 134979 135049 135062  
 135069 135110 135350 135382 135383 135444 135445 135478  
 135882 135887 135946 135956 136090 136109 136141 136274  
 136332 136719 136722 136869 136940 136951 136973 136985  
 137245 137344 137366 137379 137389 137486 137623 137630  
 137655 137886 137968 138192 138310 138312 138343 138483  
 138604 138716 138737 138747 138802 138906 138912 138926  
 139054 139136 139248 139437 139452 139692 139802 139810  
 139825 139833 140040 140118 140137 140162 140186 140187  
 140188 140195 140264 140284 140342 140343 140368 140377  
 140390 140400 140419 140435 140480 140533 140539 140580  
 140683 140835 140869 140884 140900 140918 140984 141046  
 141075 141163 141299 141349 141350 141353 141394 141490  
 141514 141535 141625 141654 141659 141719 141790 141807  
 141809 141852 141863 141910 141914 141968 141985 142016  
 142032 142033 142034 142042 142173 142230 142271 142272  
 142297 142313 142314 142316 142348 142483 142486 142668

142682 142703 142709 142710 142724 142743 142744 142733  
 142753 142754 142757 142812 142822 142944 142997 143010  
 143116 143119 143122 143127 143132 143173 143202 143237  
 143255 143288 143296 143403 143449 143464 143550 143713

## CESSATION OF PATENTS

92049 118901 121648 122266 122269 122272 122276 122286  
 122289 122299 122300 122310 122318 122320 122328 122355  
 122362 122371 122380 122384 122400 122404 122409 122412  
 122414 122415 122425 122426 122429 122437 122457 122464  
 122465 122485 122487 122499 122502 122509 122515 122517  
 122541 122542 122544 122555 122558 122559 122573 122575  
 122576 122581 122590 122602 122614 122620 122625 122629  
 122630 122632 122641 122642 122647 122649 122653 122665  
 122666 122681 130088 130141 136394 140285 142338.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Nil

## COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 141016, 141041, 141329, 141349, 141350, 141518, 141703, 141759, 142548, 144428 & 145660..... Class 1.

Design Nos. 140969, 141211, 141348, 145181, 145803..... Class 3.

Design Nos. 141301 & 141889..... Class 12.

## COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 144428, 145640, 145666 & ..... Class 1.  
 Design Nos. 145181 & 145803, ..... Class 3.

S. VEDARAMAN  
 Controller-General of Patents, Designs  
 and Trade Marks.